

## A B S T R A C T

## A CRYPTOGRAPHIC REVOCATION METHOD USING A SMART CARD

5           The present invention relates to a cryptographic  
method and to a smart card for implementing the method.  
The cryptographic method consists in, before any  
calculation by the calculation means of the chip of the  
smart card, the smart card reading (operation 2) in  
10 storage means of a second entity a list of identifiers in  
complete form of first entities that are smart card  
proprietors, said list being linked to the status  
assigned to each of the first entities by the second  
entity, and the smart card comparing (operation 3) the  
15 identifier stored in storage means of the smart card and  
the contents of the list to authorize (operation 5) or  
prohibit (operation 4) calculation by the calculation  
means as a function of the result of the comparison.

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35 Translation of the title and the abstract as published by the PCT Authorities,  
possibly after making changes, ex officio, e.g. under PCT Rules 37.2, 38.2, and/or  
48.3.